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DATE: April 13, 2004

PTO IDENTIFIER: Application Number 09/670756-Conf. #6507

Patent Number

Inventor: Kenneth RHODES et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (703) 872-9306

FROM: LAHIVE &amp; COCKFIELD, LLP

Jonathan M. Sparks, Ph.D.

PHONE: (617) 227-7400

Attorney Dkt. #: AHN-070CP4

PAGES (Including Cover Sheet): 13

CONTENTS: Amendment Transmittal (1 page);  
Amendment and Response to Final Office Action (9 pages);  
Associate Power of Attorney (1 page), and  
Certificate of Transmission under 37 CFR 1.8 (1 page).

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AMENDMENT TRANSMITTAL LETTER				Docket No. AHN-070CP4	
Application No. 09/670756-Conf. #6507	Filing Date September 27, 2000	Examiner J. F. Murphy		Art Unit 1646	
Applicant(s): Kenneth RHODES et al.					
Invention: POTASSIUM CHANNEL INTERACTORS AND USES THEREFOR					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	22	- 54 =	0	x	0.00
Independent Claims	7	- 15 =	0	x	
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b> 0.00					
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity <input checked="" type="checkbox"/> No additional fee is required for this amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
Dated: <u>April 13, 2004</u>					
<u>Jonathan M. Sparks, P.H.D.</u> Attorney Reg. No.: 53,624					
LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400					

PTO/SB/97 (12-97)

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Amendment Transmittal (1 page);  
Amendment and Response to Final Office Action (9 pages);  
Associate Power of Attorney (1 page); and  
Certificate of Transmission under 37 CFR 1.8 (1 page).

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rhodes, K. *et al.*

Serial No.: 09/670,756

Filed: September 27, 2000

For: **POTASSIUM CHANNEL INTERACTORS AND  
USES THEREFOR**Attorney Docket No.: AHN-070CP4  
(Previously MNI-070CP4)

Group Art Unit: 1646

Examiner: Murphy, Joseph F.

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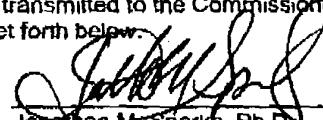
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By:

April 13, 2004  
Date of Signature  
Jonathan M. Sparks, Ph.D.  
Agent for Applicants  
Reg. No. 53,624**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

This communication is responsive to the Office Action dated January 13, 2004. Please amend the above-identified application as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5.